

Edwards

Jan 21, 1956
Decatur, Ga

My dear Joshua - Many thanks for your letter of Jan 17 and the confirmed invitation. I am very glad it still is in force since I must talk with you about some things. You lose me so quickly in your papers and letters but I usually understand when you explain it face to face in words of one syllable. Of course the basic trouble is lack of knowledge of genetics.

The arrangements you cite are quite agreeable to me. I could leave here on Apr. 24 and be in Madison Apr 25, 26, and 27, going to Detroit Apr 28. I probably would have a little time on Apr 24 but I imagine what with changing in Chicago, I would be rather late in the day getting in. As to talking, I will be glad to if you wish but I would prefer to talk about very simple things - preferably on "Current concepts of the taxonomy of ~~the~~ bacteria Enterobacteriaceae". This is fundamental and I think it would do students more good than some abstruse discussion which I myself did not understand.

The P.H.S. is not subsidizing my trip to the SAB and therefore if the University could pay plane fare Atlanta-Madison and return and expenses incurred in Madison I would be very thankful. The difference in fare Atlanta-Madison-Detroit-Atlanta is not great and certainly there is no reason for the University to stand this. Further, no honorarium can be accepted. may only be an exaggeration of a normal

- I will take annual leave to visit Madison and go on administrative leave when I go to Detroit.

I greatly appreciate your, and especially Esther's, kindness in suggesting I stay with you. I am sure Esther has a very full schedule with the house and her work and therefore I am very hesitant about accepting this invitation. I know how house guests can disrupt the activities of a busy person.

Therefore I feel it would be less strain if you simply made a reservation for me. I will inform you later of my exact schedule.

Your suggestions in re S. salivarius and transduction are very provoking. It will have to be kept in abeyance for the moment - too many projects in the immediate offing. There are certain complications which I will explain when I see you. I think all work would have to be done with S. typhi-murium as ^{recipient} ~~donor~~ and even this we might run into trouble. This is another thing for discussion. I shall bring your letter with me.

Cal 529.55 - R, (i) - l, w - I have done no intensive work with this, i.e. absorptions, etc. I simply noted that phase 1 agglutinates strongly with r serum and moderately with i serum. Some work should be done to see if these can be separated (not transduction). Kauffmann says they cannot but I do not know how thoroughly he tried this. There is a natural cross agglutination between r and i but not nearly to the extent shown by this culture. This may only be an exaggeration of a normal

-relationship. Whether you notice she is in diagnostic tests probably depends on the titre of the i serum.

This brings up another problem that I've wanted to do something about but have not. After 4 years of not being found in the U.S., *S. heidelberg* has become very common - in man & animals from many different geographic loci. How come? I would like to know whether it can arise from *S. typhi murium* by "induction." Probably never get the opportunity to try it.

With kindest regards and thanks
as ever
Phil